



**United States Army
Aviation Technology Center of Excellence
(ATCoE)
to the
NASA/Army Systems and Software
Engineering Forum**

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Our Vision



An Organization, Based at Redstone Arsenal With Global Reach, That Will Implement Mechanisms for Matching Research, Development, Technology, and Testing Needs to Research, Development, Technology, and Testing Solutions That Focus on the Warfighter's Current Needs and Orienting the Next Generation of Aviation Research, Development, Technology, and Testing to the Army's Future Requirements/Threats.



Mission Statement

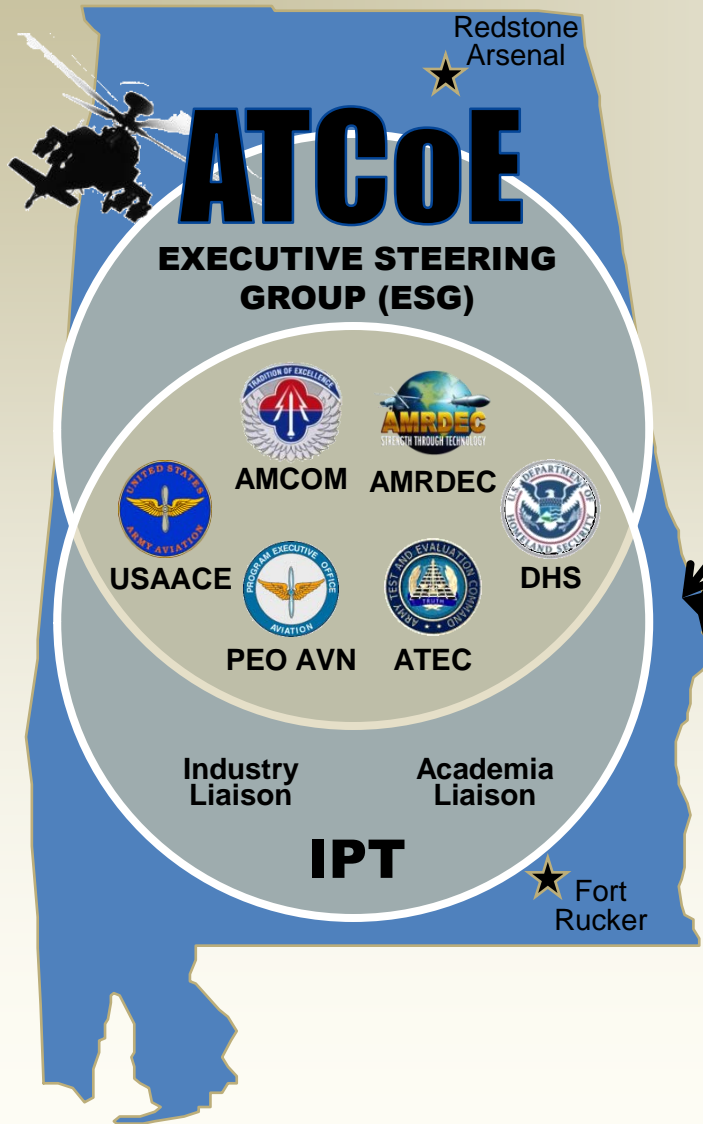


Establish an Aviation Land Based Vertical Lift and Unmanned Air System Research, Development, Acquisition, Test, Evaluation and Sustainment (RDATES) Center of Excellence to Assist all Partners in Meeting Their Unit / Agency Present and Future Missions Through Collaboration, Sharing, Teaming and Partnering. Partners include Homeland Security, DoD, Industry and Academia.



ATCoE

Aviation Technology Center of Excellence



Representative List – Not All Inclusive.



The Evolution of the ATCoE



Completed Tasks

- ✓ MOA between Stake Holders
- ✓ Executive Steering Group Formed
- ✓ Integrated Process Team (IPT) Charter

On Going Tasks

- ✓ Develop the Roles, Missions and Functions of the ATCoE
- ✓ Develop the ATCoE organization to enhance RDTE to meet current and future Warfighter needs
 - Strategic Communications plan

Tactical

ESG OVERSIGHT

ATCoE

Summer 2010

Strategic

Capture Improved Business Model / Process (i.e. "407", "M3P")

Aid in resolving differences

Identify Redundancies

Coordinate Capabilities

Champion Infrastructure Needs

Highlight Industry Impediments

Improve Academia training, workforce development



ATCoE Summer 2010

“Where we’re going”



ATCoE Tasks – Events

IPT:

- ID the 3 or 4 most important missions
- biggest ‘bang’ for the buck
- short turn around
- Benefit ‘Army Aviation / Team Redstone’ not just a single IPT member

Staff:

- Advertise ATCoE (forums / briefings)
- Integrate with DHS / CBP / other government agencies
- QUAD-A / R&W Article - others.
- QUAD-A / AUSA Presentation
- Vertical Lift Consortium / Presentation
- Von Braun Center for Science & Innovation, Inc
- NACRA
- DOD TECHMATCH Investigation



Challenges



- **Improve infrastructure(s) and working relationships.**
- **Share information, facilitate communications between all parties**
- **Produce timely solutions for the partners (Warfighters, DoD, Industry, Academia)**
- **Make everyone better, quicker, more efficient**
- **Entry point for the right solution at the right time by key stakeholders.**
- **Future improved collaboration with Navy COE, (NACRA: <http://www.navair.navy.mil/nacra/>) current DoD Technology activities, and others as they are identified**



Questions?

ATCoE POC Information

ATCoE AKO Website: <https://www.us.army.mil/suite/page/620813>
(Must have an AKO account to access this site)

ATCoE Email: Redstone-ATCoE@conus.army.mil